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If each inventor understands English, the Declaration and Power of Attorney below is suitable for use when filing a regular patent application and also when entering the national stage, in the case of an International application designating the USA under the PCT.

COMBINED DECLARATION AND POWER OF ATTORNEY FOR
PATENT APPLICATION

Attorney Docket No.
102362-32 US

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below at 201) or an original, first and joint inventor (if plural names are listed below at 201-205) of the subject matter which is claimed and for which a patent is sought on the invention entitled

**USE OF HYBRID (HW/DSP/MCU/SW) ARCHITECTURES FOR POWERLINE OFDM
COMMUNICATION FIELD**

the specification of which (check one)

_____ is attached hereto

X was filed on **August 21, 2003**

under Serial Number **10/646,413** and was amended on _____
(if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56.

I list below any prior foreign application(s) for patent or inventor's certificate in respect of which foreign priority benefits are claimed under 35 USC 119; and any prior foreign application(s) for patent or inventor's certificate in respect of which such foreign priority rights are not claimed and which has a filing date before that of any application in respect of which such foreign priority benefits are claimed:

Application Number	Country	Filing Date (day, month, year)	Priority Claimed under 35 USC 119
			YES: _____ NO: _____
			YES: _____ NO: _____
			YES: _____ NO: _____

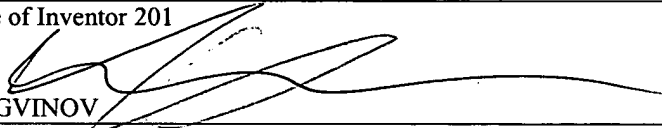

I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional application(s) listed below.


Application No.	Filing Date
60/405,277	August 22, 2002

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

**Bruce S. Londa (33,531), Lorimer P. Brooks (15,155), William R. Robinson (27,224),
Kurt G. Briscoe (33,141), William C. Gerstenzang (27,552), Davy E. Zoneraich (37,267),
Mark A. Montana (44,948), Christa Hildebrand (34,953), Howard C. Lee (48,104),
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	Post Office Address	City	State & ZIP/Country
<p>I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.</p>			
Signature of Inventor 201  Oleg LOGVINOV		Date 11/5/04	
Signature of Inventor 202 Lawrence F. DURFEE		Date	
Signature of Inventor 203  Brion EBERT		Date 12/20/2003	
Signature of Inventor 204		Date	
Signature of Inventor 205		Date	

205	Family Name	First Given Name	Second Given Name
	City of Residence	State or Foreign Country	Country of Citizenship
	Post Office Address	City	State & ZIP/Country
<p>I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.</p>			
Signature of Inventor 201		Date	
Oleg LOGVINOV			
Signature of Inventor 202		Date	
Lawrence F. DURFEE 		29 Dec 2003	
Signature of Inventor 203		Date	
Brion EBERT			
Signature of Inventor 204		Date	
Signature of Inventor 205		Date	